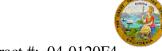
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials

Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Siegenthaler, Peter **Report No:** WIR-025915 Address: 333 Burma Road **Date Inspected:** 10-Aug-2011

City: Oakland, CA 94607

Project Name: SAS Superstructure **OSM Arrival Time:** 700 **OSM Departure Time:** 1900 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Corporation, Ltd (ZPMC), Changxing Island Location: Shanghai, China

CWI Name: CWI Present: Mr. Mai Quin Li Yes No **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A N/A **Electrode to specification:** Yes No Weld Procedures Followed: Yes No N/A N/A **Qualified Welders:** Yes No **Verified Joint Fit-up:** Yes No N/A N/A N/A **Approved Drawings:** Yes No **Approved WPS:** Yes No Yes No N/A **Delayed / Cancelled:**

Bridge No: 34-0006 **Component:** Bike Path Components

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, Delbert Humphrey was present during the times noted above for observations relative to the work being performed at ZPMC.

WELDING OBG Bay #16

This QA Inspector observed the following work in progress:

During random in process inspection this QA observed ZPMC personnel Heat Straightening Bike Path Handrail member as identified as BKR-FS1-001, between panel points PP17 & 23. Heat Straightening is being performed to bring handrail into tolerance. ZPMNC Quality Control (QC) inspector identified as Mr. Mai Quin Li was present to monitor the heat straightening process. The heat straightening process did appear to comply with Heat Straightening Report HS # 10418 (B).

OBG Bay # 19 WELDING

This QA Inspector observed the following work in progress:

FCAW welding of welds BK9003A5-001-249, located on Bike Path, BK9003A. Welder is identified as 062808. ZPMC Quality Control (QC) is identified as Mr. Zhang Qi Li. The welding variables recorded by QC appeared to comply with WPS-B-T-2132-ESAB.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

FCAW welding of welds BK9003A6-001-250, located on Bike Path, BK9003A. Welder is identified as 062739. ZPMC Quality Control (QC) is identified as Mr. Zhang Qi Li. The welding variables recorded by QC appeared to comply with WPS-B-T-2132-ESAB.

Bay #19 **NDT**

The following Non Destructive Testing (NDT) inspection carried out as per the ZPMC submitted Notification No. 09935.

This QA inspector performed Magnetic Particle Testing (MT) of approximately 15% of an area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector generated an MT report for this date. Time of inspection was 9:30 hours. The members are identified as follows OBG Bike Path. The weld designations reviewed are as follow: BK9003A5-001-245,~248,286, 293~296, 300~303, 314~325, 113, 114, 283, 284, 225~244, BK9003A6-001-256, 258, 262, 265, 266, 116~143, 148~175.

Unless otherwise noted, all work observed on this date appeared to be in general compliance with the applicable contract documents.





Summary of Conversations:

No relevant conversations were reported on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Humphrey, Delbert	Quality Assurance Inspector
Reviewed By:	Hall,Steven	QA Reviewer